



STATE OF CALIFORNIA  
DEPARTMENT OF GENERAL SERVICES - PROCUREMENT DIVISION

# CONTRACT NOTIFICATION

\*\*\*\*\* MANDATORY \*\*\*\*\*

CONTRACT NUMBER: 1CSSI-05-23-14B

DESCRIPTION: 2005 MODEL CHP CLASS "E"  
SPECIAL SERVICE VEHICLES

CONTRACTOR: FOLSOM LAKE FORD

EFFECTIVE DATES: 2/18/2005 THROUGH 9/30/2005

SUPERSEDES CONTRACT NO.: 1-04-23-14

AREA: STATEWIDE

DISTRIBUTION: STATE & LOCAL AGENCIES

\* TAX: Add appropriate sales and use tax.  
Exempt from Federal Excise Tax.

\*Food contracts are tax exempt.

*Rita Hamilton*

RITA HAMILTON, Deputy Director

Use of this agreement by all agencies is mandatory with monetary exceptions stated herein or contained in State Administrative Manual.

To obtain assistance or report non-compliance by supplier, or for any suggestions or recommendations write:

Department of General Services, Procurement Division, P.O. Box 989054, W. Sacramento, CA 95798-9054,  
or call: Contract Administrator, WILLIAM NICHOLS 916-375-4452, CALNET 480-4452

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SUPPLIER ID: 117856  
NAME: FOLSOM LAKE FORD  
ADDRESS: 12755 FOLSOM BLVD  
FOLSOM, CA 95630

CONTACT: 916-353-2000 DAN RAIMONDI  
FAX NUMBER: 916-353-2078  
TERMS OF PAYMENT: \$500/EA-20 DAYS  
FOB: Destination  
MINIMUM ORDER: ONE (1) VEHICLE

SCOPE

This contract covers the estimated State of California and participating local agencies (political subdivision) requirements for 2005 MODEL CHP CLASS "E" SPECIAL SERVICE VEHICLES within the period commencing from bid award date until manufacturer's cut-off date. Agencies are required to submit their order by the manufacturer's established cut-off date to insure that their order is processed for this model year.

A local agency (political subdivision) is any city, county, city and county, district, or other local governmental body or corporation empowered to expend public funds (California Public Contract Code Section 10298).

PRICE

All prices shall be maximum for the contract period subject to the State receiving full benefit of all manufacturer's price declines effective on the date of manufacturer's general public announcement. Price to be exclusive of Federal Excise Tax.

FACTORY OPTIONS:

All factory options shall be available and priced at dealer cost plus 10% for an addition or dealer cost minus 10% for a deletion in accordance with Kelley Blue Book New Price Manual or manufacturer's price list in effect at the time of the bid opening. Equipment changes which might be made would include, but not be limited to the following:

- Six-cylinder engine in lieu of eight-cylinder.
- Delete power steering.
- Delete air conditioning.
- Payload package.

Successful supplier will provide ordering agencies with a copy of the dated factory price lists in current use, if requested. These prices will be firm and not subject to increase for the 2005 model year. Price lists must be furnished within ten days after notification.

Note: Deletion of an option does not change the requirement to provide other items covered in the specification. For example, deletion of air conditioning does not change the specification requirement for alternator or maximum cooling, unless specifically changed or deleted by the order.

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### CASH DISCOUNTS

For this contract, cash discount time will be defined by the State as beginning only after the vehicle has been inspected, delivered, and accepted by the receiving agency, or from the date a correct invoice is received in the office specified on the order, whichever is later. Payment is deemed to be made, for the purpose of earning the discount, on the date of mailing the warrant or check. Normally, acceptance will be accomplished within twenty (20) normal business hours after vehicles are delivered. Invoices not reflecting the cash discount should be returned to the dealer immediately for correction. Note that the discounts shown are per vehicle, not per order.

### FOB POINT

All units are FOB Sacramento, CA. Agencies located outside of the Sacramento city limits will either pick vehicles up from the dealer or have them shipped FOB the delivery area. If the order indicates a delivery location other than Sacramento, the dealer will deliver the vehicle and show the delivery charge as a separate item on the invoice.

### DELIVERY

Delivery shall be ten (10) units per working day beginning within ninety (90) days after receipt of order. See Section 6.1 of the specification for delivery procedure.

#### Local Agencies

Delivery shall be within one hundred and twenty (120) days after receipt of order. Vehicles will be ordered throughout the model year.

### INSPECTION

#### California Highway Patrol:

Inspection will be in accordance with attached Specification dated December 2004.

#### Local Agencies:

Inspection by local agencies will be at the dealer's place of business.

### METHOD OF ORDERING

State agencies and local agencies will place orders as vehicles are required during the period specified. The orders will be sent directly to the dealership. State agencies will be sending a Contract/Delegation Purchase Order (STD. 65) and local agencies will be sending an internal purchase order.

The first order issued against this contract will be for the California Highway Patrol and will be for 739 units.

### ORDER CONFIRMATION

The dealership awarded items against this contract will now be required to send the ordering agency a written confirmation of receipt of their order. This applies to all orders issued against this contract. This confirmation must be completed within 30 days after receipt of order and must indicate the date the order was placed with the manufacturer. Confirmations should be mailed to the "Charge To" address shown on the order, to the attention of the contact person listed.

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### PAINT COLOR:

Vehicles will normally be ordered in standard CHP colors. Special paint colors are available from manufacturer as a "special equipment option".

Note: The Contract Dealership shall provide a listing of both the exterior and interior standard factory colors to ordering agencies. If an agency does not specify colors on their purchase order, it will be assumed by the dealership that the exterior color will be standard CHP colors and the interior will be a generic color.

### STATE NOTIFICATION

The supplier will be required to notify the State in writing of any strike, plant shutdown, etc., that could result in eventual delivery delays.

### CALIFORNIA CERTIFICATION

The vehicles purchased through this contract are exempt from requirements imposed pursuant to California law and the regulations adopted pursuant thereto for motor vehicle pollution control devices in accordance with Section 27156.2 of the Vehicle Code.

### INVOICING REQUIREMENTS

The dealer is to render invoices as instructed on purchase orders. Invoices shall include the purchase order number, the contract number, the unit price, extension, and any cash discount offered. State sales tax is to be shown as a separate item on the invoice. The Report of Sale shall be submitted to the receiving agency, if possible, upon receipt of the Vehicle Identification Number (VIN). Invoices omitting any of the above items shall be returned for correction and resubmittal. Sales tax is to be computed on the net price.

### DOCUMENTS

The following must be delivered with the vehicle when the unit is offered to the receiving agency for acceptance:

1. Inspection Report
2. Predelivery Checklist
3. Copy of the Purchase Order

### BUYER FINANCING PROVISIONS

Should the State desire financing of the assets provided hereunder, the contractor agrees to assign to a State-designated lender its right to receive payment from the State for the assets in exchange for payment by the lender of the cash purchase price for the assets. Upon notice to do so from the State-designated lender at any time prior to payment by the State for the assets, the contractor will execute and deliver to the State-designated lender an assignment agreement and any additional documents necessary for the State-selected financing plan. The State may designate the lender of the contractor's choice provided it is in the State's best interest. Do not submit a rate quote or payment schedule until instructed to do so.

Questions regarding the Buyer Financing Provisions may be directed to Patrick Mullen with Procurement Financing at 916/375-4617.

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### CONTRACT USAGE REPORTING:

Dealerships shall provide the Department of General Services, Procurement Division a monthly contract usage report on paper and on 3-1/2" computer diskette. This report shall reflect the vehicle orders placed against the contract for the respective month. Procurement Division must receive the report by the 15th of each month. The contract usage report shall include the following information and resemble the attached sample.

1. Dealership Information
2. Contract Number
3. Reporting Month
4. Ordering Agency
5. Bill Code (If known)
6. Purchase Order Number
7. Date of Purchase Order
8. Date Order Received (From Governmental Agency)
9. Date of Confirmation
10. Delivery Date (Estimated)
11. Description of Vehicle (Make and Model)
12. FOB Point
13. Contract Item Number
14. Quantity Ordered
15. Vehicle Unit Price
16. Vehicle Unit Price with Options

IMPORTANT! A copy of all local agency purchase orders shall be attached to the contract usage report.

Send the Contract Usage Report with attachments to the following address:

Department of General Services  
Procurement Division  
Attn: Vehicle Purchasing  
P.O. Box 989054  
West Sacramento, CA 95798-9054

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ITEM NO.	COMMODITY NO. SUPPLIER PART NO.	SUPPLIER NO.	UNIT	DESCRIPTION	UNIT PRICE
1	2310-515-3000-5	117856	EA	AUTOMOBILE SEDAN CHP POLICE 4 DOOR PURSUIT 2005 MODEL CLASS "E" SPECIAL SERVICE VEHICLE, IN ACCORDANCE WITH STATE OF CALIFORNIA, CALIFORNIA HIGHWAY PATROL "HIGH SPEED LAW ENFORCEMENT (E) CLASS SEDAN SPECIFICATION" DATED DECEMBER 2004.	21,965.0000
BRAND: FORD					
MODEL: CROWN VICTORIA PURSUIT					
<u>EXTENDED WARRANTY/SERVICE CONTRACT</u>					
The factory extended warranty/service contract for this vehicle is 36 months/100,000 miles, parts and labor, NO DEDUCTIBLE.					
The following components are included in the coverage:					
1. Engine					
Cylinder block, heads, all internal lubricated parts, manifolds, timing gears and chain or belt, flywheel, valve covers, oil pan, timing chain cover, oil pump, seals and gaskets, and water pump.					
2. Transmission					
Transmission case and all internal parts, including torque converter, transfer case, seals and gaskets.					
3. Rear Wheel Drive					
Drive axle housing, including all internal parts, universal joints, axle shafts, rear wheel bearings and retainers, seals and gaskets, and drive shaft.					
4. Gaskets, Seals, Oil					

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ITEM NO.	COMMODITY NO. SUPPLIER PART NO.	SUPPLIER NO.	UNIT	DESCRIPTION	UNIT PRICE
				Coverage includes the cost of gaskets, seals, oil, filters, and coolant required to complete the repairs to covered components.	
				<u>Conditions:</u>	
				1. Parts	
				All parts used in repairing the drivetrain shall be of quality equal to or exceeding that originally installed by the vehicle manufacturer. Used parts are <u>not</u> acceptable; factory-authorized rebuilt parts are acceptable.	
				2. Maintenance Schedule	
				The California Highway Patrol establishes its own maintenance schedule. This schedule must be accepted as adequate maintenance.	
				3. Repair Authorization	
				If repair authorization is required, toll-free or collect phone lines must be available. Authorization must be obtainable by no later than 8:00 AM, Pacific Standard Time.	
				4. Payment	
				Payment to repair facilities shall not exceed thirty (30) days from the date of the repair.	

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ITEM NO.	COMMODITY NO.	SUPPLIER NO.	UNIT	DESCRIPTION	UNIT PRICE
QUESTIONNAIRE					
CLASS "E" SEDANS					
GENERAL:					
MAKE		FORD	MODEL	CROWN VICTORIA	YEAR 2005
ENGINE:					
MAKE		FORD	MODEL	4.6L	NO. CYLS 8
DISPLACEMENT		281	CU. IN.		
TRANSMISSION:					
TYPE		AUTOMATIC	MODEL	4R70W/AOD	NO. OF SPEEDS 4
AUXILIARY AIR/OIL COOLER:		YES	X	NO	
GENERATOR:					
MAX OUTPUT		200	AMPS		
IDLE OUTPUT		130	AMPS AT 80 DEGREES F		
BATTERY:					
MAKE		MOTOR CRAFT			
CCA		750	AT O C	RESERVE MINUTES	

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ITEM NO.	COMMODITY NO.	SUPPLIER NO.	UNIT	DESCRIPTION	UNIT PRICE
BRAKES:					
FRONT: TYPE DISC ABS: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>					
REAR: TYPE DISC ABS: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>					
TIRES:					
MAKE GOODYEAR SIZE P225/60VR X 16 UTQG					
MEASUREMENTS:					
WHEELBASE 114.7 INCHES					
EPA LUGGAGE COMPARTMENT CAPACITY 20.6 CU. FT.					
REAR AXLE RATIO 3.27:1					
PERFORMANCE:					
ACCELERATION (AT SEA LEVEL)					
0 TO 60 8.34 SECONDS					
0 TO 100 22.67 SECONDS					
50 TO 100 NOT TESTED SECONDS					
TOP SPEED 128 M.P.H. EQUIPPED W/ELECTRONIC SPEED LIMITOR					
ACCELERATION (AT 6,000' LEVEL)					
0 TO 60 NOT TESTED SECONDS					
POWER STEERING COOLER: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>					

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ITEM NO.	COMMODITY NO. SUPPLIER PART NO.	SUPPLIER NO.	UNIT	DESCRIPTION	UNIT PRICE
2	2320-909-0000-8	117856	VA	VEHICL-DGS/PROCUREMENT USE ONLY	VARIABLE

STATE OF CALIFORNIA  
CALIFORNIA HIGHWAY PATROL  
HIGH SPEED LAW ENFORCEMENT (E) CLASS SEDAN SPECIFICATION

1. GENERAL:

It is the intent of this specification to describe an automobile to be used in high speed highway traffic and law enforcement work. The vehicle will at times be operated at speeds in excess of 100 miles per hour for both short and long durations. It will be driven on all types of roads, and road surfaces and at altitudes ranging from approximately 200 feet below sea level to 10,000 feet above sea level. Ambient temperatures to which the vehicle will be exposed will range from approximately -20°F to 120°F.

All vehicles shall be new (unused), current model year production. Vehicles shall be supplied with all equipment and accessories indicated as standard equipment in the manufacturer's current published literature. Optional equipment shall be installed as necessary to meet the requirements of this specification.

The manufacturer shall use components, materials and design practices that are the best available in the industry for the type of operational conditions to which the vehicle will be subjected. Engine, transmission, driveline, differential, brake, suspension, wheel, tire and other component parts of the vehicle shall be heavy duty, selected to give maximum performance, service life, as well as safety and not merely meet the minimum requirements of this specifications.

The term "heavy duty," as used in this specification, shall mean that the item to which the term is applied shall exceed the usual quantity, quality, or capacity supplied with standard production vehicles and it shall be able to withstand unusual strain, exposure, temperature, wear and use.

2. RULES AND REGULATIONS:

Vehicles shall comply with all applicable California Vehicle Code (CVC), Code of Federal Regulations, Title 49, "Federal Motor Vehicle Safety Standard" (FMVSS) and California Code of Regulations, Title 13, "Motor Vehicles" rules and regulations (except emissions regulations). Vehicles shall also comply with Society of Automotive Engineers (SAE) J 1100, "Motor Vehicle Dimensions" in addition to all other applicable SAE standards. In addition, all vehicles shall comply with all other Federal and State rules, regulations and safety standards applicable to the vehicle type in effect on the date of the opening of the invitation for bid. Vehicles purchased to this specification are exempt from compliance with California emission standards.

### 3. VEHICLE SPECIFICATION:

All vehicles shall be certified by the vehicle manufacturer as "Police Package," "Police Interceptor" or "Suitable for Law Enforcement Service." All vehicles shall meet the following minimum specifications:

#### 3.1 Engine and Related Equipment:

##### 3.1.1 Engine:

The engine shall be a heavy duty "Police Package" version equipped with altitude compensating electronic fuel injection. The engine shall be a V-8 configuration, with displacement to be determined by the manufacturer so that all performance requirements described in paragraph 4, "Performance Specification" are achieved.

It shall be designed to operate knock free at all engine and vehicle speeds on unleaded fuel with a minimum octane rating of 89 (RM + MM ÷ 2).

##### 3.1.2 Engine Oil Cooler:

An auxiliary engine oil cooler shall be installed if necessary to meet the engine oil temperature requirements described in paragraph 4.4, "Fluid Temperature."

##### 3.1.3 Fuel Supply System:

The fuel supply system shall be of such a design to eliminate vapor lock when the engine is operating in high ambient temperatures or during periods of extended idling.

##### 3.1.4 Cooling System:

The cooling system shall be liquid pressurized, forced circulation type. The manufacturer shall provide the heaviest duty cooling system components and recovery system applicable to the model offered. The cooling system design and capacity shall maintain the engine at optimum temperature, under all operating conditions specified, without any loss of coolant or overheating of engine and components. The cooling system shall be free of contaminants that may affect cooling system component longevity and performance. The cooling system shall feature a hermetically sealing radiator pressure cap, with spring-loaded vent valve. Optimum engine temperature shall be maintained with the vehicle loaded to the vehicle manufacturer's published maximum gross vehicle weight rating (GVWR) and continually operated in all operating environments described within the scope of this specification.

The coolant recovery system shall be of a closed design to prevent air from entering the radiator. The coolant recovery tank shall be of sufficient capacity to prevent loss of fluid from the coolant recovery tank and/or entry of air into the cooling system under all operating conditions. The coolant recovery tank shall be a vented unbreakable translucent reservoir with visible fill level indicator markings.

All radiator, bypass and heater hoses shall be made of ethylene propylene rubber (EPDM) or reinforced silicone rubber. Hoses shall not collapse under any operating condition. The hose clamps on the engine cooling and vehicle heating system hoses shall be the steel metal band, constant spring tension type.

### 3.1.5 Electrical System:

The electrical system shall be 12 volt negative ground. All wiring shall be heavy duty with weather proof connectors. The electronic fuel management/ignition system shall be designed as to not be affected by a 100 watt, 35-50 MHz, or a 450 milliwatt, 150-174 MHz radio system installed in the vehicle or a 6 watt, 138-174 MHz portable radio in the immediate vicinity and in the transmit mode. The electronic fuel management/ignition system shall have "on board" diagnostic capabilities.

The vehicle battery shall be the optional heaviest duty type available, compatible with the vehicle charging system and intended police service. The vehicle battery shall have a minimum of 750 cold cranking amps and 100 reserve minutes, with a manufacturing date not exceeding six (6) months prior to vehicle delivery. Vehicles will not be accepted with batteries exhibiting less than 90 percent of full charge at time of delivery.

The alternator shall be the highest capacity optional alternator listed in the manufacturers current police package brochure applicable to the vehicle bid. It shall have a minimum 200 amp output and a minimum curb-idle output of 130 amps at a nominal operating temperature of 80°F with the transmission in park position without the use of an add-on idle speed increasing device.

The accessory drive belts shall be of a heavy duty, serpentine type with a self-adjusting tensioner that will drive all accessories with one belt.

### 3.1.6 Fuel Tank:

The fuel tank furnished shall be the largest capacity available.

## 3.2 Radio Suppression:

All electrical equipment shall be shielded to minimize radio interference in the 35 to 50 megahertz range and the 138 to 174 megahertz ranges.

The entire electrical system shall be designed so that not more than 2.5 microvolts input to the receiver will be required to produce at least 20dB quieting at the receiver, when tested in accordance with Exhibit A, Figures 1 and 2, for all engine speeds from idle to full throttle and with the radio and antenna mounted and connected as on current CHP automobiles in service. This requirement shall be met without the use of any receiver extender, noise blanker or impulse noise suppression type circuitry.

With the engine stopped, the radio receiver used in the test shall require not more than 0.35 microvolts for 20dB quieting measured as shown on Exhibit A, Figure 1, Step 1.

Manufacturers of vehicles not previously tested by the CHP shall be required to deliver a vehicle equipped with their standard police radio suppression package for testing per the requirements listed in paragraph 5.0, "Quality Assurance Provisions." The vehicle will be tested to show compliance with the above requirement. Past experience has shown that the following ground straps are required, at a minimum, to meet the requirements of this specification:

- 2 - Rear bumper to frame or body
- 2 - Hood to body
- 2 - Trunk lid to body
- 2 - Frame to body if frame and body construction
- 1 - From each exhaust pipe to body or frame at rear
- 2 - Engine to frame
- 1 - Frame to body at front

### 3.3 Chassis:

#### 3.3.1 Wheelbase:

The minimum wheelbase shall be 114".

#### 3.3.2 Suspension:

The front and rear suspension including shock absorbers shall be heavy duty design for police work. Heavy duty front and rear stabilizer bars required. For reference, a push bumper weighing approximately 60 pounds will be mounted on front of the car and approximately 200 lbs. of equipment will be carried in the trunk at all times.

#### 3.3.1 Differential:

The differential shall be the conventional type, ring and pinion gears, with a ratio designed to give the best overall performance for the transmission and tire size installed on vehicle. The gear ratio shall be the same on all vehicles.

3.3.4 Transmission:

The transmission shall be heavy duty, fully automatic with a minimum of four speeds forward and one reverse. The transmission shall be equipped with internal and external transmission fluid coolers, if necessary, to meet the transmission temperature fluid requirements specified in paragraph 4.4, "Fluid Temperature."

3.3.4 Steering:

The steering shall be power assisted "firm" type or variable ratio. The power steering system shall be equipped with a fluid cooler, if necessary, to meet the power steering fluid temperature requirements specified in paragraph 4.4, "Fluid Temperature."

3.3.6 Brakes:

The brakes shall be power assisted and feature a four wheel anti-lock brake system (ABS). All four wheels shall be equipped with disc brakes. Friction material shall be heavy duty for police work. The brake system shall meet the performance requirements specified in paragraph 4.2, "Braking."

3.3.7 Wheels and Tires:

Each vehicle shall be supplied with five (5) matching wheels and tires. One (1) of the five (5) shall be a matching full size wheel and spare tire. Space saver type spare tire is not acceptable. The wheels shall be 16 inches x 6.0 inches minimum and shall have a safety ridge rolled into rim or otherwise designed to prevent the tire from separating from the wheel in the event of a flat. The spider shall be heavy duty. Wheels shall be heavy duty steel or aluminum alloy. Lug nuts shall be covered with full wheel covers.

The tires shall comply with State of California Specification 2610-XXX-03, High Speed Tires. It is recommended that the vehicle manufacturer certify as many tire brands as possible to be compatible with their vehicle. This may be accomplished in the following ways:

1. The vehicle manufacturer shall test and certify tires as acceptable for original equipment and replacement installation on the police package vehicle specified in this invitation for bid. This tire certification is subject to conformation testing by the California Highway Patrol, in accordance with the

performance requirements specified in paragraph 4, "Performance Specification."

2. The California Highway Patrol may test selected brands of tires in accordance with the performance requirements specified in paragraph 4, "Performance Specification," and notify the vehicle manufacturer of test results and acceptability.

If only one tire certified by the vehicle manufacturer is proven acceptable to the California Highway Patrol, the State will accept the vehicles with that tire installed. For acceptable replacement tires, the vehicle manufacturer shall accept the California Highway Patrol test and allow any of those tires to be installed with no change in either vehicle warranty or liability.

The tires installed on the vehicle (including spare) shall meet the requirements listed in the Code of Federal Regulations (CFR), Title 49, Chapter V, Part 575.104.

#### 3.4 Body:

The body shall be a four door sedan with center post. A vinyl type protective body side molding shall be installed except on the front doors. This is to permit installation of the CHP insignia (33" long by 20" high) without trim interference. The wheel wells shall be so constructed that SAE Class "S" style tire chains may be installed in a conventional manner, without clearance problems and without causing body or structural damage to the vehicle (SAE specification J1232).

The front door body side molding(s) shall be supplied with mounting hardware for installation by the CHP when the vehicle is taken out of service. Rear deck lid emblems and trim must be removed, if necessary, to permit the installation of "Highway Patrol" CHP decals. All emblems and trim removed shall be furnished to the CHP in bulk pack.

#### 3.5 Exterior Color:

The body shall be painted manufacturers gloss black. The roof panel and lower portion of both front doors below the window belt molding shall be painted manufacturer's gloss bright white. Both paint colors shall be factory applied during the manufacturer's assembly operations. Dealer applied paint to achieve the two-tone scheme specified above is not acceptable. For reference, the CHP has traditionally accepted colors comparable to Ditzler #DBU 9000 (black) or Ditzler #DBU 8000 (white).

#### 3.6 Interior:

### 3.6.1 Seats:

Front seats shall be either 40/40 or 45/45 bucket type. The driver's seat shall be 6-way power adjustable and shall be heavy duty, designed for maximum comfort, support and durability. The front and rear seat upholstery shall be woven synthetic cloth fabric and vinyl trim. Other material is subject to CHP approval.

### 3.6.2 Steering Wheel:

A tilt steering wheel is required.

### 3.6.3 Speedometer:

The vehicle described in this specification will be used in law enforcement and speedometer accuracy is essential. The speedometer shall be calibrated and be accurate within two (2) miles per hour at speeds from 15 to 100 miles per hour of the true vehicle speed, within the environmental operating conditions specified in paragraph 1. The dial face shall be marked up to a minimum of 140 miles per hour. The design of the speedometer shall be such to insure accuracy throughout the life of the vehicle. The face markings shall not be in increments greater than two (2) miles per hour. The face shall contain the wording "Certified Speedometer," or other wording to indicate that speedometer accuracy is certified, or a letter of certification of accuracy shall be provided with each unit. The vendor shall specify the size, brand and model of tires for which the speedometer is certified. The pointer shall not cover more than a two mile per hour section of the scale.

### 3.6.4 Dashboard:

The dashboard shall be supplied with or without the radio opening, at the option of the CHP. AM or AM / FM radios shall not be installed. All dashboards shall be built alike. Decisions as to radio opening will be made after a sample dashboard is inspected.

### 3.6.5 Spotlights:

The CHP will install two (2) spotlights (Unity Model 225), one (1) on each "A" pillar post. The vehicle manufacturer shall provide a factory installed spotlight accommodation package including predrilled "A" pillar post and door/door weatherstrip modifications.

### 3.6.6 Floor Covering:

The floor covering of the entire front and rear floor shall be carpet. The color shall be keyed with the upholstery color. The carpeting shall have an insert on the drivers side to protect the heel wear area from damage. An OEM, custom fit, deep spike, carpeted floor mat may be provided to meet this specification.

3.6.7 Hood Latch Release:

The hood latch release shall be mounted inside the front passenger compartment so that the hood can't be opened from outside the vehicle. The release shall be readily accessible to the driver.

3.6.8 Rear Deck Lid Release:

The rear deck lid release shall be mounted in a location readily accessible to the driver. The rear deck lid release shall be operated by an electric solenoid. The switch location shall be approved by the CHP. Dealer modification of the location to meet this specification is acceptable however no holes may be left as a result of the modification.

3.6.9 Trunk Compartment:

The trunk compartment shall have a minimum usable luggage capacity of 20.0 cubic feet.

3.6.10 Radio Speaker:

Vehicle shall be factory equipped with two (2) front mounted, four (4) ohm, radio speakers.

3.7 Miscellaneous Equipment:

The vehicle shall be equipped with the following miscellaneous equipment:

- Fresh air type heater and defroster. Refrigeration air conditioning of a size and type recommended and installed by the manufacturer of the vehicle. An automatic high speed, wide open throttle or high head pressure compressor cut-out to be installed or other means provided to protect the compressor from excessively high head pressure.
- Intermittent windshield wiper system.
- Fuel level, engine oil pressure, water temperature and amp or volt indicator gauges.
- Cigarette lighter outlet (power port) in front compartment.
- Dual electric horns or dual note horn.
- Halogen headlamps, high and low beam.

- Standard map or courtesy light. Door post switches shall be inoperative.
- Quick release style driver's side inside door handle to allow the driver's door to be unlocked by pulling on the inside handle.
- Driver and front passenger front impact air bag.
- Driver and front passenger side impact air bag.
- All four (4) doors shall contain power locking and unlocking mechanisms controlled by switches located on both the left and right front door control panels.
- All four windows shall be power actuated and controlled from the driver's side door control panel with a lockout feature to prevent other windows from being operated when locked out by the driver.
- Rear window defogger/defroster on a separate switch.
- Single key for ignition, door, trunk and glove box, four (4) keys for each vehicle. Each vehicle keyed individually.
- Arm rests on each of the four (4) doors (arm rests in rear passenger compartment may be mounted on other than the door if vehicle is so designed).
- Left and right remote control outside mirrors. Similar in appearance and mounted on left and right front doors. Both mirrors shall be controllable from the driver's seat.
- Two coat hooks installed in rear compartment.
- Windshield and all windows shall feature tinted glass.
- Light in trunk with trunk lid actuated switch.
- Standard tool kit including wheel changing tools and jack adequate to safely lift the vehicle.
- Owner's manual and warranty manual.

#### 4. PERFORMANCE SPECIFICATION:

Performance of the vehicle will be evaluated by drivers selected by the CHP for acceleration, top speed, braking and vehicle dynamics. A copy of the performance evaluation protocol is attached (Exhibit B).

During vehicle dynamics testing on the road course, the vehicle shall display exceptional handling characteristics. The vehicle's suspension system shall be designed to provide a firm and stable ride with a minimal amount of body roll. The suspension shall provide the ride necessary for a vehicle used in a pursuit application.

Each vehicle delivered against this specification shall be capable of sustained high speed operation at wide open throttle for a minimum distance of 25 miles without damage to the powertrain.

##### 4.1 Speed and Acceleration:

The following tests are to be performed on level ground at nominal sea level elevation:

- 0 to 60 miles per hour in 10.0 seconds maximum.
- 0 to 100 miles per hour in 29.0 seconds maximum.
- 50 to 100 miles per hour in 22.0 seconds maximum.
- Top speed of 122 miles per hour minimum within 2 miles or less from a standing start.

The following test will be performed on level ground at approximately 6,000 ft. of elevation:

- 0 to 60 miles per hour in 13.0 seconds maximum.

Any vehicle that fails to perform within the above listed parameters during the course of this test shall not be acceptable.

#### 4.2 Braking:

The following tests will be performed on level, dry, paved surface:

##### 4.2.1 Stopping Distance:

Four (4) maximum braking effort stops, with anti-lock brake system (ABS) activated (operating), will be made from a speed of 90 miles per hour. The stops shall be at two (2) minute intervals. Stopping distance and the ability to stop in a straight line and within its own lane will be evaluated. Approximately five (5) minutes after test has been completed, it will be repeated. Stopping distance and the ability of the vehicle to stop in a straight line and within its own lane will again be evaluated. Any vehicle that fails to remain within its own lane during the course of this test shall not be acceptable. The stopping distance of each of the eight (8) stops will be combined to calculate the average stopping distance for the vehicle.

Maximum acceptable average stopping distance from 90 miles per hour: 350'

Any vehicle that fails to meet the maximum acceptable average stopping distance during vehicle stopping distance testing shall not be acceptable.

##### 4.2.2 Fade Resistance:

The vehicle will be subjected to a simulated pursuit course approximately four (4) miles in length and approximately seven (7) minutes in duration. The course is comprised of a combined highway and city pursuit scenario. The vehicle will be subjected to three (3) 70 mile per hour full ABS stops followed by several "slow to clear intersection" brake applications while traversing simulated city streets. There will be no cool down period between brake applications. Any vehicle that exhibits brake fade during the course of this test shall not be acceptable.

#### 4.2.3 Disc Brake Piston Knock Back Test:

The vehicle will be subjected to a minimum of four (4) consecutive disc brake piston knock back tests. The disc brake piston knock back tests will be conducted immediately following the stopping distance test. The vehicle will be operated in a serpentine pattern at a speed between 30 and 60 miles per hour. The vehicle will be laterally loaded, alternating left and right, a minimum of two (2) loadings per side. A full ABS brake application to a complete stop will then be made without allowing the vehicle to neutralize. Any vehicle that exhibits significant (to the extent that stopping distance is increased) or complete loss of brake pedal during the course of this test shall not be acceptable.

#### 4.3 Vehicle Dynamics:

Vehicle dynamic characteristics will be evaluated on a high-speed, closed road course. The vehicle will be evaluated by a minimum of four (4) drivers selected by the CHP. A minimum of five (5) laps will be performed per each driver. A three (3) lap average for each driver will be calculated by discarding the highest and lowest time. The average lap time of each of the four (4) drivers will be used to calculate a total average lap time for the vehicle.

Maximum acceptable combined average lap time: One (1) minute and 22 seconds.

Any vehicle that fails to meet the minimum acceptable average lap during vehicle dynamic testing shall not be acceptable.

During vehicle dynamics testing on the road course, vehicle handling characteristics will be evaluated. Drivers will assess understeer, oversteer, body roll and ride characteristics. Any vehicle that exhibits poor handling characteristics as defined by either excessive understeer, oversteer, or body roll during vehicle dynamic testing shall not be acceptable.

#### 4.4 Fluid Temperature:

The vehicle will be subjected to an engine oil, transmission fluid and power steering fluid temperature test. The test will be performed in ambient temperatures equal to or exceeding 110°F and at elevations from sea level to 6,000 feet above sea level. The vehicle will be operated at a speed of 80 miles per hour for a distance of five (5) miles immediately followed by a speed of 100 miles per hour for a distance of five (5) miles. The highest operating temperatures will be recorded. Coolers shall be installed as necessary to maintain oil operating temperatures not to exceed the following limits:

- Engine Oil                      275°F, maximum
- Transmission Fluid        275°F, maximum
- Power Steering Fluid    300°F, maximum

Any vehicle in which the engine oil, transmission fluid and power steering fluid exceeds the maximum acceptable temperature shall not be acceptable.

## 5. QUALITY ASSURANCE PROVISIONS:

### Inspection of Sample Car:

Within five (5) working days of the issuance of a purchase order, the successful bidder shall deliver to the California Highway Patrol, 3300 Reed Avenue, West Sacramento, CA 95605, a loaner sample vehicle. The loaner sample vehicle shall be representative of the vehicles to be delivered to California Highway Patrol and shall meet all performance test requirements of the specification as detailed under paragraph 4, "Performance Specification." It will be used as a prototype for determining the method of attaching the various items of police equipment such as spotlights, outside radio speaker, radio, etc. It may be necessary to drill holes in order to determine the proper location of CHP installed equipment.

Every effort will be made to avoid drilling holes in the vehicle body. This vehicle will be retained by the CHP until deliveries against the contract begin. If the manufacturer deems it necessary for a CHP inspection of a production vehicle at the point of assembly, all costs associated with the travel will be borne by the manufacturer or dealer.

## 6. DELIVERY AND INSPECTION OF VEHICLES:

### 6.1 Delivery of Vehicles:

Ten vehicles shall be delivered each day, excluding weekends and state holidays. The vehicles shall be delivered to the following location in West Sacramento, California:

California Highway Patrol, Motor Transport Section  
3300 Reed Avenue

West Sacramento, CA 95605

Caravan or drive-away method of delivery from the factory to a dealer is not acceptable. Vehicles delivered from a dealer with more than 50 miles on the odometer will be charged 50 cents for each mile exceeding 50 miles. This charge shall be deducted from the purchase order price for each vehicle delivered against each purchase order. Vehicles required to return to the dealer for speedometer replacement will be charged for total miles driven including first and subsequent trips. The original dealer's "Report of Sale" shall be furnished to the CHP at the time of delivery of the vehicle.

6.2 Pre-Delivery Inspection:

Prior to delivery, each vehicle shall be serviced and inspected by the dealer. As a minimum, this pre-delivery inspection shall cover the operations listed on the attached "Pre-Delivery Schedule." A copy of the dealer's inspection and service check sheet shall be furnished with each vehicle delivered. The check sheet shall include dealer name, vehicle identification number, check off of service and inspections performed and the service manager's signature. The vehicle's crankcase, differential and transmission shall be filled to the manufacturer's recommended capacity. The gas tank shall be at least one-quarter (1/4) full when the vehicle is delivered to the CHP Motor Transport Section facility in West Sacramento. The vehicle shall be clean and free from defects when delivered.

6.3 Inspection of Vehicles:

New vehicles will be inspected before acceptance by an authorized representative of the CHP for workmanship, appearance, proper functioning of all equipment and systems and conformance to all other requirements of this specification. If the deficiencies found can not be corrected within one (1) working day of delivery, the vehicle(s) will be deleted from the invoice and the dealer shall provide a substitute vehicle(s), which is acceptable, before the end of the delivery day to meet the delivery rate as required by the contract. Payment and/or commencement of a discount period (if applicable) will not be made until corrective action is made, and the vehicle re-inspected and accepted. It shall be the responsibility of the dealer to pick up the vehicle(s), make the necessary corrections and re-deliver the vehicle(s) for re-inspection and acceptance of all vehicles rejected. A CHP "New Car Receiving Check Sheet" is attached (Exhibit C). The CHP utilizes this check sheet when receiving each new vehicle. This check sheet is the foundation for accepting or rejecting each vehicle.

7. MISCELLANEOUS:

### 7.1 Warranty:

Each vehicle purchased to this specification shall be covered by the manufacturer's standard warranty. In addition, the vehicle shall be covered by a factory extended powertrain warranty of three (3) years or 100,000 miles, whichever occurs first. The cost of the factory extended powertrain warranty shall be included in the bid price. A "Delete for Credit" option price shall be quoted. The factory extended powertrain warranty may be deleted for credit at the request of the CHP or receiving agency. A list of the powertrain components that shall be covered by the factory extended powertrain warranty is attached (Exhibit D). Additional coverage may be provided at bidder's expense. Acceptance of the purchase order implies approval of the CHP stipulations of the powertrain items to be covered. Acceptance of the purchase order also implies approval of the CHP vehicle preventive maintenance service schedule and service intervals as being acceptable maintenance for powertrain warranty repairs. One copy of the "Manufacturer's Warranty Policy and Procedures Manual" shall be provided to the CHP prior to start of delivery.

### 7.2 Warranty Start Date:

Vehicles not placed in service immediately upon receipt shall be warranted from the date the unit is placed in service. The CHP, or receiving agency, shall notify the vendor in writing of the actual "in-service" date.

### 7.3 Guarantee:

A manufacturer delivering cars against this specification shall guarantee that the car meets the minimum requirements set forth herein. If it is found that the vehicles delivered do not meet the minimum requirements of this specification, the manufacturer will be required to correct deficiencies at their expense.

### 7.4 Certification:

The vehicle and all equipment shall meet and be compliant with all Federal and State rules and regulations in effect at the time of opening of the Invitation for Bid.

### 7.5 Technical Information and Diagnostic Equipment:

The successful bidder shall supply the CHP with the following technical information and diagnostic equipment commencing with delivery of the first vehicle:

#### 7.5.1 Factory Vehicle Service Manuals:

A total of 130 copies of the factory vehicle service manuals covering all components of the vehicles purchased. One copy to be sent to each field command with the balance to be shipped to Motor Transport Section. A list of field command addresses is attached (Exhibit E).

#### 7.5.2 Dealer Parts Manuals:

Three (3) copies of the parts list covering the vehicles purchased. The parts list shall provide a description and service part number for each part. Three (3) copies on IBM compatible CD ROM disc or 3.5" floppy disc are acceptable.

In addition to the regular parts list for the vehicles, 130 copies of a special parts list giving service part numbers shall be prepared showing the parts and assemblies that are peculiar to the enforcement vehicle purchased. The list shall be broken down by chassis, engine, body, etc., and shall contain a brief description of the part together with its correct service part number. One (1) copy to be sent to each field command with the balance to be shipped to Motor Transport Section. A list of field command addresses is attached (Exhibit E).

#### 7.5.3 Factory Electrical Wiring Diagram Manuals:

Three (3) copies of the electrical wiring diagram manual covering the vehicles purchased. Three (3) copies on IBM compatible CD ROM disc or 3.5" floppy disc are acceptable.

#### 7.5.4 Factory Driveability / Diagnostic Manuals:

One (1) copy of the driveability / diagnostic manuals covering the vehicles purchased.

#### 7.5.5 Dealer Service Bulletins:

Two (2) copies each of dealer service bulletins applicable to the model year of the vehicle being purchased. The CHP shall be placed on the manufacturer's mailing list to receive service bulletins each time they are published.

#### 7.5.6 Diagnostic Equipment:

One (1) factory approved, current technology, diagnostic system with fuel line adapter kit (reference: Worldwide Diagnostic System).

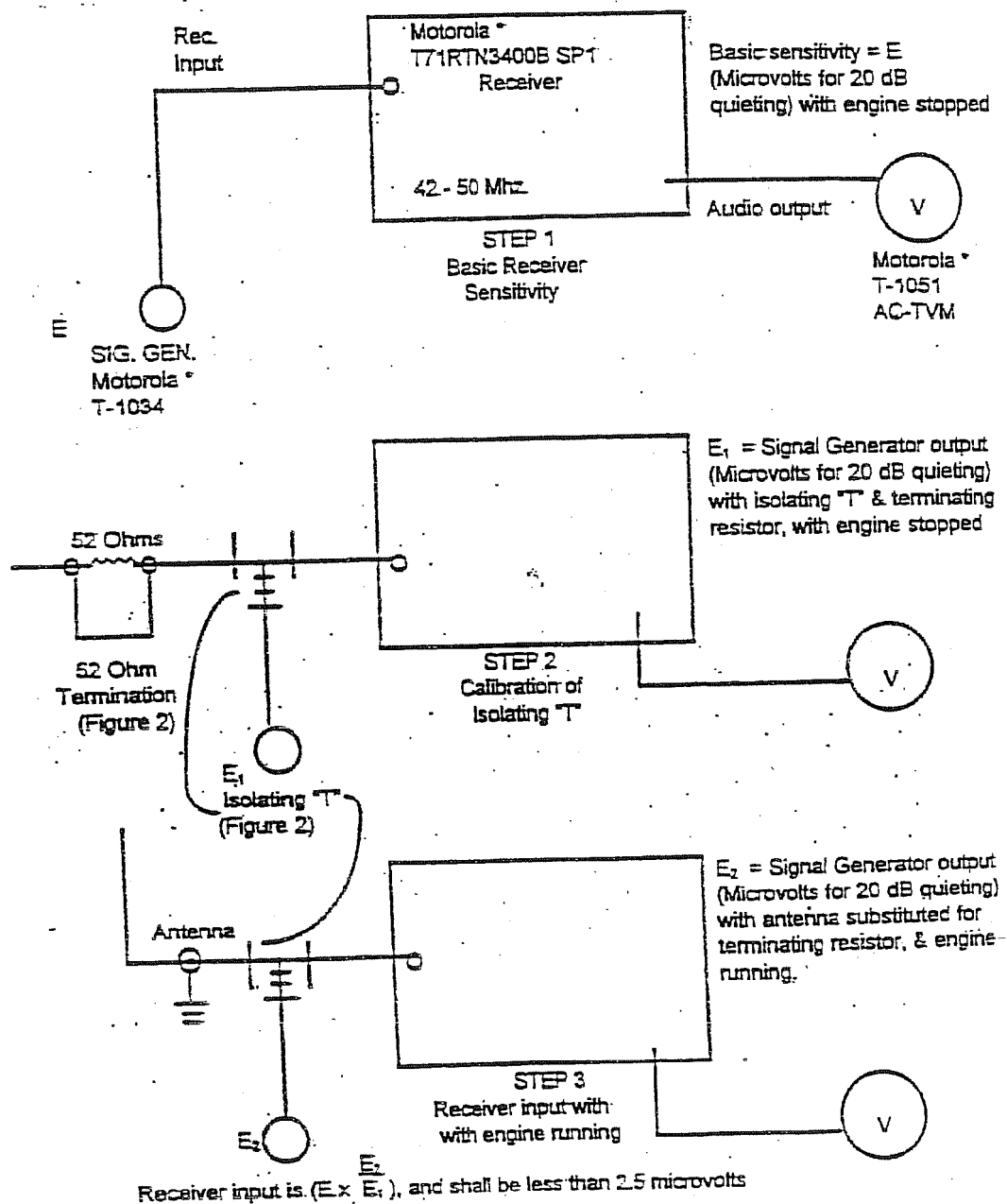
### 7.6 Repair Parts:

It shall be the responsibility of the vehicle manufacturer to maintain an adequate stock of all regular and special parts to meet the continuing service and repair parts needs of the CHP without undue delay. A special system shall be set up for expediting the procurement of back order items needed to repair an inoperative vehicle including a system to air freight parts at factory expense when parts are not in stock in California parts depots. Parts must be available within three (3) working days after telephone notification.

7.7 Dealer Network:

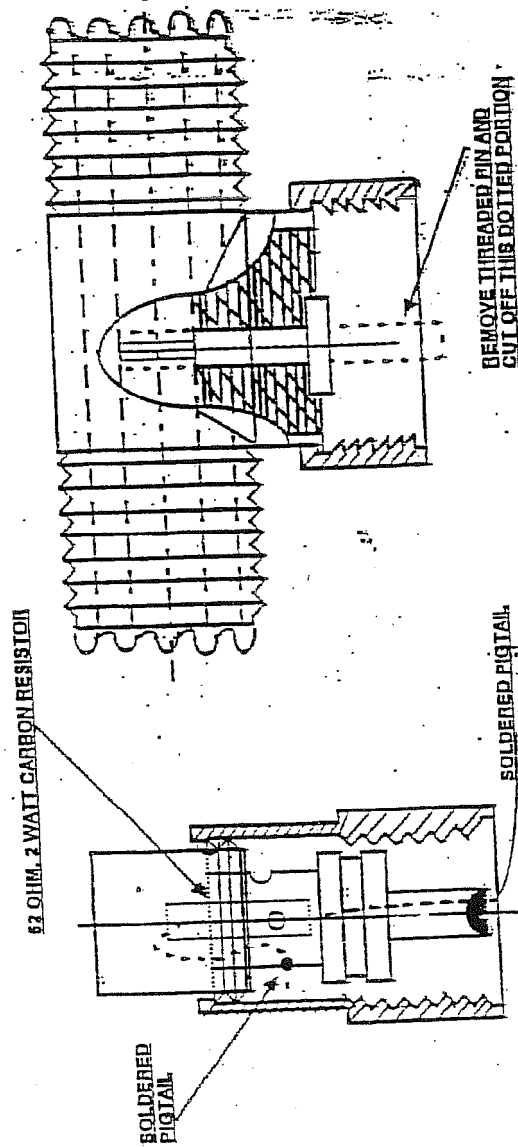
Since the CHP must rely on local service for the vehicle being purchased against this specification for maintenance and repairs, it is a requirement of this specification that service facilities approved and authorized by the factory for maintenance and repairs of the vehicle being bid must be available within 15 miles of a minimum of 80% of the CHP offices located in the cities shown on the attached list of office locations. The successful bidder shall furnish a list of service locations certified by the manufacturer. Service locations listed shall be required to service the vehicles without undue delay.

FIGURE 1

TEST FOR ELECTRICAL SYSTEM NOISE

\*The manufacturer's name and model numbers are typical only; any similar equipment may be used.

FIGURE 2  
TEST FOR ELECTRICAL SYSTEM NOISE



AMPHENOL MODEL 83-11  
ISOLATION "I"

AMPHENOL MODEL 83-1SP  
WITH 62 OHM TERMINATION

**RADIO SHIELDING AND GROUNDING:** The entire electrical system shall be shielded and grounded so that not more than 2.5 microvolts input to the receiver will be required to produce at least 20 db quieting at the receiver output, when tested in accordance with attached Figures 1 and 2, for all engine speeds from idle to full throttle and with the radio and antenna mounted and connected as on current CTR automobiles in service. This requirement shall be met without the use of any receiver extender, noise blanker or impulse noise suppressor type facility.

With the engine stopped, the radio receiver used in the test shall require not more than 0.35 microvolts for 20 db quieting, measured as shown in Figure 1, Step 1.

VEHICLE TEST

Date of Test: \_\_\_\_\_

Location of Test: \_\_\_\_\_

Weather Conditions: \_\_\_\_\_

Wind Factor: \_\_\_\_\_

Approximate Temperature: \_\_\_\_\_

VEHICLE SPECIFICATIONS

Year Vehicle: \_\_\_\_\_

Model: \_\_\_\_\_

Engine: \_\_\_\_\_

Transmission Type: \_\_\_\_\_

Final Drive Ratio: \_\_\_\_\_

Tires: \_\_\_\_\_

Tire Pressure: L/F\_\_\_\_\_ R/F\_\_\_\_\_ R/R\_\_\_\_\_ L/R\_\_\_\_\_

Braking System: A.B.S. \_\_\_\_\_ Front: \_\_\_\_\_ Rear: \_\_\_\_\_

Wheelbase: \_\_\_\_\_

Overall Length: \_\_\_\_\_

Overall Width: \_\_\_\_\_

Trunk Capacity: Cubic Feet: \_\_\_\_\_

Fuel Tank Capacity: \_\_\_\_\_

Vehicle Weight: Curb: \_\_\_\_\_ Test: \_\_\_\_\_

TOP SPEED TEST

Standing 1 Mile

DIRECTION

	<u>SPEED</u>	<u>TIME</u>	
Run 1 <u>  N  </u>	<u>          /          </u>		
Run 2 <u>  S  </u>	<u>          /          </u>		(505 FWY.)
Run 3 <u>  N  </u>	<u>          /          </u>		
Run 4 <u>  S  </u>	<u>          /          </u>		
Average:	<u>          /          </u>		

Standing 2 Miles

DIRECTION

Run 1 <u>  N  </u>	<u>          /          </u>	
Run 2 <u>  S  </u>	<u>          /          </u>	(505 FWY.)
Run 3 <u>  N  </u>	<u>          /          </u>	
Run 4 <u>  S  </u>	<u>          /          </u>	
Average:	<u>          /          </u>	

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

ACCELERATION TEST

1/8 Mile from 0 MPH

DIRECTION

	<u>SPEED</u>	<u>TIME</u>	
Run 1 <u>  E  </u>	_____	_____/_____	
Run 2 <u>  W  </u>	_____	_____/_____	(4 LANE CHP)
Run 3 <u>  E  </u>	_____	_____/_____	
Run 4 <u>  W  </u>	_____	_____/_____	
Average:	_____	_____/_____	

1/4 Mile From 0 MPH

DIRECTION

Run 1 <u>  E  </u>	_____	_____/_____	
Run 2 <u>  W  </u>	_____	_____/_____	(4 LANE CHP)
Run 3 <u>  E  </u>	_____	_____/_____	
Run 4 <u>  W  </u>	_____	_____/_____	
Average:	_____	_____/_____	

1/4 Mile From 50 MPH

DIRECTION

Run 1 E

\_\_\_\_\_ / \_\_\_\_\_

Run 2 W

\_\_\_\_\_ / \_\_\_\_\_

(4 LANE CHP)

Run 3 E

\_\_\_\_\_ / \_\_\_\_\_

Run 4 W

\_\_\_\_\_ / \_\_\_\_\_

Average:

\_\_\_\_\_ / \_\_\_\_\_

0 to 60 MPH

DIRECTION

TIME

Run 1 E

\_\_\_\_\_

Run 2 W

\_\_\_\_\_

(4 LANE CHP)

Run 3 E

\_\_\_\_\_

Run 4 W

\_\_\_\_\_

Average: N/A

\_\_\_\_\_

50 to 100 MPH

DIRECTION

TIME

Run 1 E

\_\_\_\_\_

Run 2 W

\_\_\_\_\_

(4 LANE CHP)

Run 3 E

\_\_\_\_\_

Run 4 W

\_\_\_\_\_

N/A

\_\_\_\_\_

0 to 100 MPH

	<u>DIRECTION</u>	<u>TIME</u>	
Run 1	<u>E</u>	<u>      </u>	
Run 2	<u>W</u>	<u>      </u>	(4 LANE CHP)
Run 3	<u>E</u>	<u>      </u>	
Run 4	<u>W</u>	<u>      </u>	
Average:	<u>N/A</u>		

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# HIGH ALTITUDE ACCELERATION TESTING

0 - 60 MPH

	<u>DIRECTION</u>	<u>TIME</u>	
Run 1	<u>W/B</u>	<u>      </u>	
Run 2	<u>E/B</u>	<u>      </u>	(TRUCKEE, CA.)
Run 3	<u>W/B</u>	<u>      </u>	
Run 4	<u>E/B</u>	<u>      </u>	
Average:	<u>N/A</u>		

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

VEHICLE DYNAMICS  
EVALUATOR LAP TIMES

						3 lap
DRIVER	1st	2nd	3rd	4th	5th	average
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

STEERING

Response: \_\_\_\_\_  
Road Feel: \_\_\_\_\_

SUSPENSION

Ride Comfort: \_\_\_\_\_  
Roll Resistance: \_\_\_\_\_  
Front End Dive: \_\_\_\_\_  
Rear-End Squat: \_\_\_\_\_

## HANDLING

High-Speed Curves: \_\_\_\_\_

Medium Speed Curves: \_\_\_\_\_

Tight Cornering: \_\_\_\_\_

Predictability: \_\_\_\_\_

Additional Comments on Handling: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## ABS BRAKING

Distance  
To Stop

Full ABS Stop From 90 MPH: \_\_\_\_\_

Repeat After 2 Minutes: \_\_\_\_\_

Repeat After 2 Minutes: \_\_\_\_\_

Repeat After 2 Minutes: \_\_\_\_\_

Repeat After 2 Minutes: \_\_\_\_\_

Repeat After 5 Minutes From 90 MPH: \_\_\_\_\_

Repeat After 2 Minutes: \_\_\_\_\_

Repeat After 2 Minutes: \_\_\_\_\_

Average Distance to Stop: \_\_\_\_\_

Yes                      No

Vehicle Stopped in a Straight Line?      \_\_\_\_\_

Self-Adjusting Test: Back-Up making four smooth stops from approximately 35 mph allow brakes to cool completely. Make a smooth stop forward from 55 mph.

Test Not Applicable: \_\_\_\_\_

	Yes	No
Brake Drag:	_____	_____
Steering Pull or Wheel Lock-Up:	_____	_____

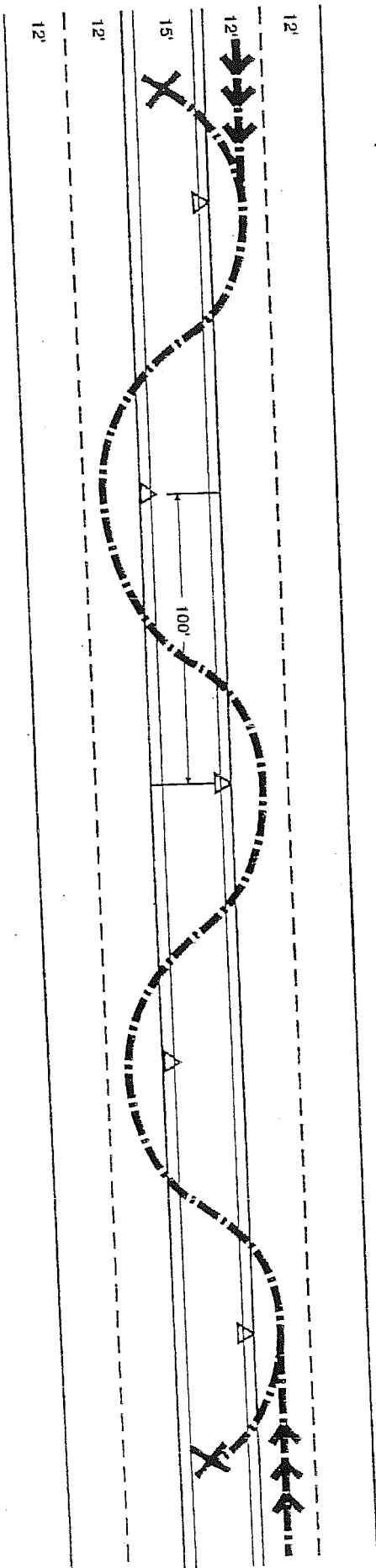
#### Disc Brake Piston Knock Back Test:

Procedure: The test should be conducted immediately following the final forward braking test, prior to the brakes cooling completely, the test vehicle should be laterally loaded a minimum of two loadings per side and then braked to a complete stop without allowing the vehicle to neutralize. A speed of approximately 30-60 mph should be maintained prior to braking. A minimum of four tests should be performed, full ABS to a complete stop. This test will be completed on Smith Blvd. (See attached diagrams).

	Yes	No
Excessive Brake Pedal Travel?	_____	_____
Braking System Provided Acceptable	_____	_____
Stopping Power:	_____	_____
Steering Pull or Wheel Lock-Up?	_____	_____

Additional Comments on Brake Test: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

SMITH BLVD.



(DISC BRAKE PISTON KNOCK BACK TEST)



## Pursuit Course Testing

This test will be completed independent of all other tests. Begin the test on the academy airstrip with three full ABS stops from 70 mph, then complete pursuit courses (A) and (B) immediately following the last stop. ( No cool down period). The total driving time of this test is approximately seven minutes. (Pursuit course information and diagrams are attached.).

## Pursuit Course Testing

Pursuit course (A) is 1.6 miles in length. There is a full stop using the ABS system during a lateral load while making a left turn from Lanza onto Second St, as indicated on the diagram with an (X). From start to finish the pursuit course will take approximately 2:22 minutes.

Braking applications throughout the course are as follows:

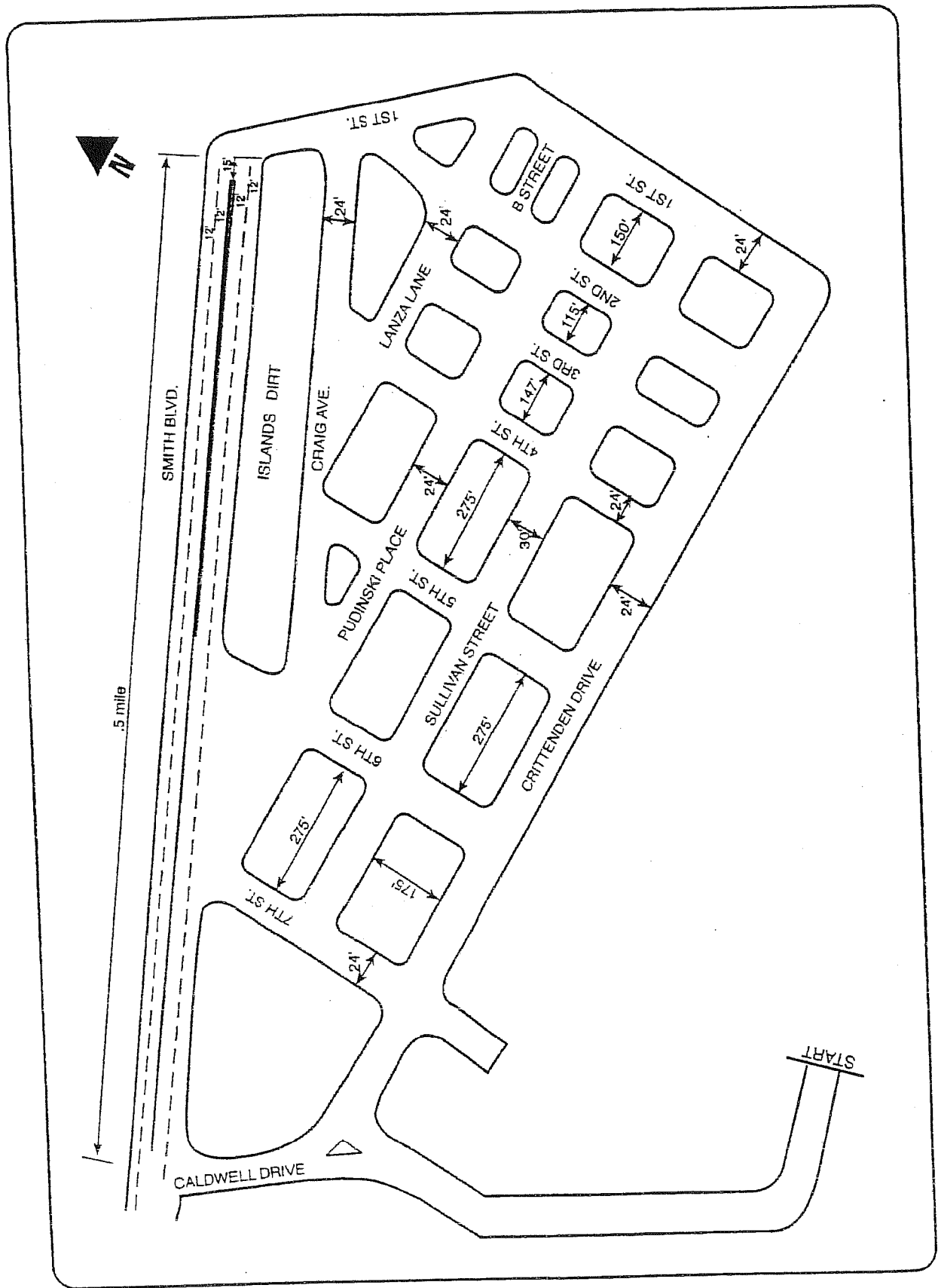
1. Caldwell onto Smith
2. Smith onto 7th
3. Sullivan onto 3rd
4. 3rd onto Lanza
5. 2nd onto Crittenden
6. 1st onto Smith
7. Smith onto 7th
8. 7th onto Crittenden
9. Crittenden onto 6th

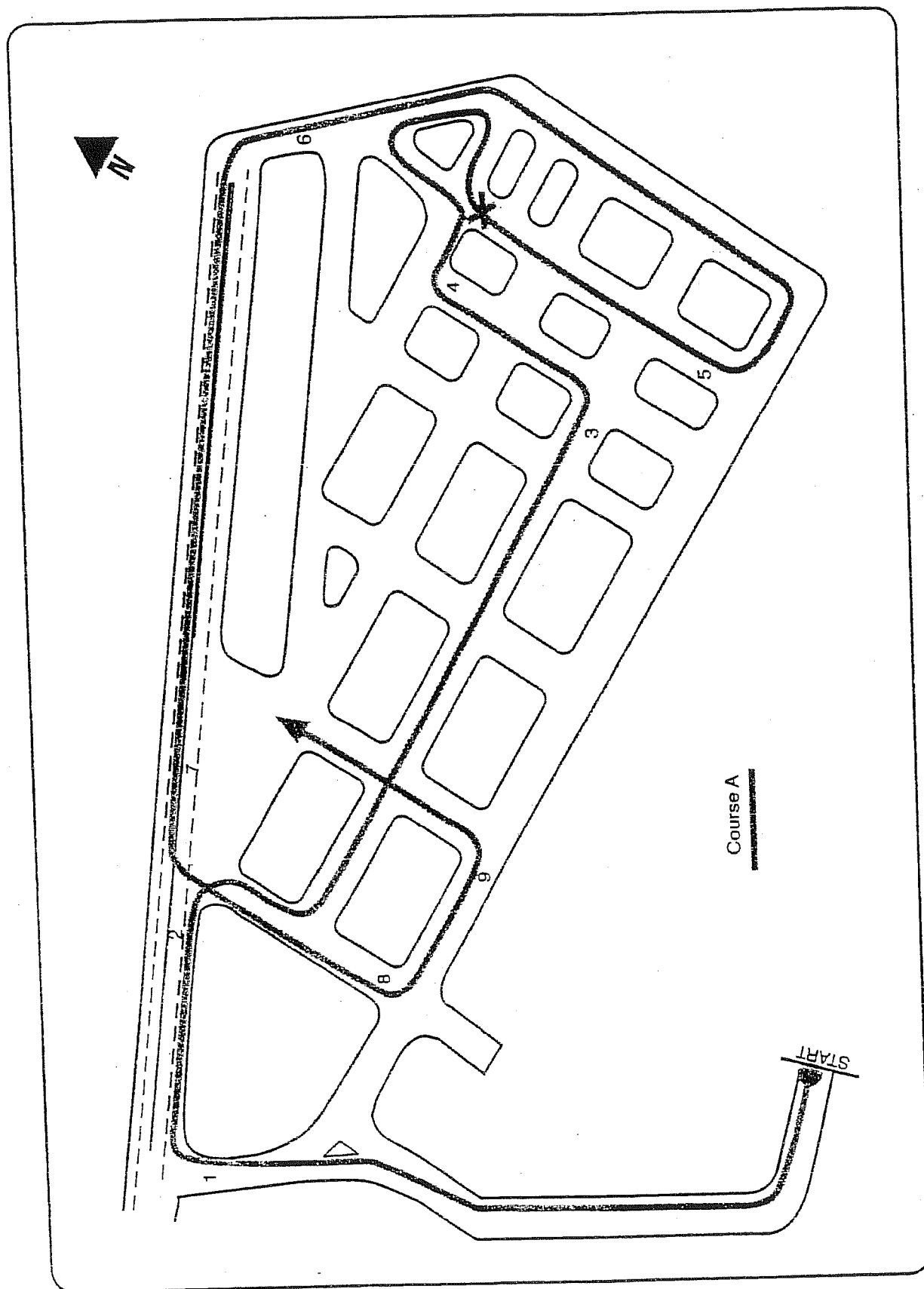
Pursuit course (B) is 1.6 miles in length. There is a full stop using the ABS system during a lateral load while making a right turn from Sullivan onto 3rd St, as indicated on the diagram with an (X). From start to finish the pursuit course will take approximately 2:48 minutes.

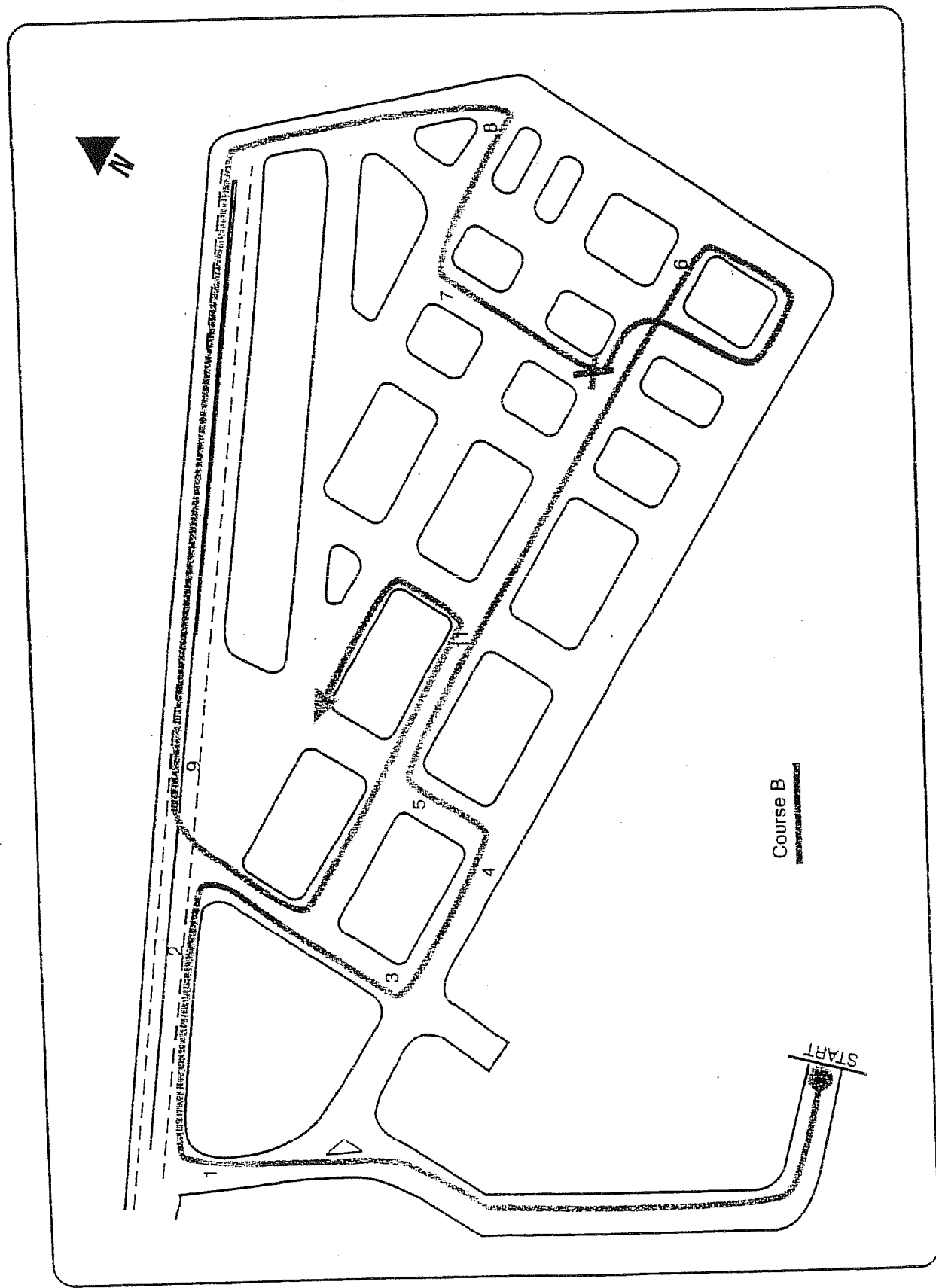
Braking applications throughout the course are as follows:

1. Caldwell onto Smith
2. Smith onto 7th
3. 7th onto Crittenden
4. Crittenden onto 6th
5. 6th onto Sullivan
6. Sullivan onto 1st
7. 3rd onto Lanza
8. Lanza onto 1st
9. Smith onto 7th
10. 7th onto Sullivan
11. Sullivan onto 5th

	Yes	NO
Excessive brake pedal travel ?	_____	_____
Braking system provided acceptable stopping power ?	_____	_____
Steering pull or wheel lock-up ?	_____	_____







## ERGONOMICS EVALUATION

### CONTROLS

	<u>Excellent</u>	<u>Good</u>	<u>Poor</u>
Wheel Position	_____	_____	_____
Pedal Position	_____	_____	_____
Parking Brake	_____	_____	_____
Dimmer Switch	_____	_____	_____
Gearshift Position	_____	_____	_____
Relationship of Controls	_____	_____	_____
Small Controls	_____	_____	_____
Police Equipment (Exterior)	_____	_____	_____
Ease of Entry/Exit (Front)	_____	_____	_____
Ease of Entry/Exit (Rear)	_____	_____	_____
Noise Level (Cruising)	_____	_____	_____
Front Seat Comfort	_____	_____	_____
Police Equipment (Interior)	_____	_____	_____
Seat Belts	_____	_____	_____
Instrument Legibility	_____	_____	_____
<u>Vision</u>			
Forward	_____	_____	_____
Front Quarter	_____	_____	_____
Side	_____	_____	_____
Rear Quarter	_____	_____	_____
Rear	_____	_____	_____

Additional Comments on Ergonomics: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Vehicle Test Summary: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
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\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

MOTOR TRANSPORT SECTION - SACRAMENTO SHOP

New Car Receiving Check Sheet No. 1

YEAR      MAKE      BODY      COLOR      DATE

VIN NO. \_\_\_\_\_ DEALER NO. \_\_\_\_\_ CHP NO. \_\_\_\_\_

KEY CODE IGNITION \_\_\_\_\_ DOOR \_\_\_\_\_ MILEAGE \_\_\_\_\_

SPEEDOMETER

Test Equip. No. 78886

[illegible]

OUTSIDE OF VEHICLE

Appearance: Doors, windows, dents, scratches, paint overspray, lights and lenses, license plate holders

INITIAL

UNDER HOOD

UNDERHOSE  
All fluid levels; routing hoses-fuel and vacuum lines - electrical

TRUNK

Spare tire, jack lug wrench

## OPERATIONAL CHECK

All lights, gauges, switches, install equipment

## ROAD TEST

Handling: Steering drift, brakes, acceleration

### DEFECTS

ACTION TAKEN

- |    |  |
|----|--|
| 1. |  |
| 2. |  |
| 3. |  |
| 4. |  |
| 5. |  |
| 6. |  |
| 7. |  |
| 8. |  |
| 9. |  |

## EXHIBIT D

### CALIFORNIA HIGHWAY PATROL EXTENDED POWERTRAIN WARRANTY COVERAGE

#### Terms:

- 3 years or 100,000 miles, whichever occurs first. Parts and labor with no deductible.

#### Covered Items:

- Engine - Cylinder block, heads, all internal lubricated parts, manifolds, timing gears and chain or belt, flywheel, valve covers, oil pan, timing chain cover, oil pump, seals and gaskets, and water pump.
- Transmission - Transmission case and all internal parts, including torque converter, seals and gaskets.
- Rear Drive Axle - Drive axle housing, including all internal parts, universal joints, axle shafts, rear wheel bearings and retainers, drive shaft, seals and gaskets.
- Gaskets, Seals, and Oil - Coverage includes the cost of gaskets, seals, oil, filters and coolant required to complete the repairs to covered components.

#### Conditions:

- Parts - All parts used in repairing the powertrain shall be of quality equal to or exceeding that originally installed by the vehicle manufacturer. Used parts are not acceptable. Factory authorized rebuilt parts are acceptable.
- Maintenance Schedule - The Department of California Highway Patrol establishes its own maintenance schedule. As a condition of vehicle purchase, this schedule shall be accepted by the vehicle manufacturer as adequate maintenance for warranty repair purposes.

**EXHIBIT E**  
**LISTING OF LOCATION CODES**

LOCATION NUMBER	NAME OF LOCATION/ LOCATION ADDRESS	MAILING ADDRESS
074	Motor Transport Section 3300 Reed Avenue West Sacramento, CA 95605 (916) 376-3500	Same as Location Address
075	Motor Transport Section - Torrance 19800 Hamilton Avenue Torrance, CA 90502 (213) 736-3151	Same as Location Address
031	Academy - EVOC 3500 Reed Avenue West Sacramento, CA 95605 (916) 376-3405	Same as Location Address

## NORTHERN DIVISION

LOCATION NUMBER	NAME OF LOCATION/ LOCATION ADDRESS	MAILING ADDRESS
101	Northern Division 2485 Sonoma Street Redding, CA 96001 (530) 225-2715	P.O. Box 840 Redding, CA 96099-0840
120	Crescent City 1444 Parkway Drive Crescent City, CA 95531 (707) 464-3117	P.O. Box 157 Crescent City, CA 95531
125	Humboldt 255 East Samoa Boulevard Arcata, CA 95521 (707) 822-5981	Same as Location Address
126	Garberville 30 West Coast Road Redway, CA 95560 (707) 923-2155	P.O. Box 515 Garberville, CA 95440
130	Red Bluff 2550 Main Street Red Bluff, CA 96080 (530) 527-2034	Same as Location Address
135	Redding 2503 Cascade Boulevard Redding, CA 96003 (530) 225-2700	Same as Location Address
140	Susanville 472-400 Diamond Crest Road Susanville, CA 96130-5001 (530) 257-2191	Same as Location Address
145	Yreka 1687 South Main Street Yreka, CA 96097 (530) 841-6006	P.O. Box 450 Yreka, CA 96097

Northern Division

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146	Mt. Shasta 618 West Jessie Street Mt. Shasta, CA 96067 (530) 926-2627	Same as Location Address
150	Ukiah 540 South Orchard Avenue Ukiah, CA 95482 (707) 463-4717	Same as Location Address
151	Clear Lake 5700 Live Oak Drive Kelseyville, CA 95451 (707) 279-0103	P.O. Box 340 Kelseyville, CA 95451
155	Williams 735 North 7 <sup>th</sup> Street Williams, CA 95987 (530) 473-2821	P.O. Box 488 Williams, CA 95988
160	Willows 464 North Humboldt Avenue Willows, CA 95988 (530) 934-5424	P.O. Box 883 Willows, CA 95988
165	Quincy 86 West Main Street Quincy, CA 95971 (530) 283-1100	P.O. Box 656 Quincy, CA 95971
170	Alturas 905 West C Street Alturas, CA 96101 (530) 233-2919	Same as Location Address
175	Trinity River 1261 Main Street Weaverville, CA 96093 (530) 623-3832	P.O. Box 1350 Weaverville, CA 96093

## VALLEY DIVISION

LOCATION NUMBER	NAME OF LOCATION/ LOCATION ADDRESS	MAILING ADDRESS
201	Valley Division 11336 Trade Center Drive Rancho Cordova, CA 95742 (916) 464-2090	P.O. Box 640 Rancho Cordova, CA 95741-0640
220	Auburn 9440 Indian Hill Road Newcastle, CA 95658 (916) 663-3344	P.O. Box 709 Newcastle CA 95658
221	Gold Run 50 Canyon Creek Road Gold Run, CA 95717-0008 (530) 389-2205	P. O. Box 8 Gold Run, CA 95717-0008
222	Truckee 10077 State Rte. 89 South Truckee, CA 96161 (530) 587-3518	Same as Location Address
230	Grass Valley 11900 Sutton Way Grass Valley, CA 95945 (530) 273-4415	Same as Location Address
240	Oroville 2072 Third Street Oroville, CA 95965 (530) 533-3822	P.O. Box 1471 Oroville, CA 95965
241	Chico 995 Fir Street Chico, CA 95927 (530) 895-4444	P.O. Box 1779 Chico, CA 95927
245	Placerville 3031 LoHi Way Placerville, CA 95667-1417 (530) 622-1110	P.O. Box 1417 Placerville, CA 95667-1417

Valley Division  
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246	South Lake Tahoe 1050 Navahoe Drive South Lake Tahoe, CA 96150 (530) 577-1001	Same as Location Address
250	North Sacramento 5109 Tyler Street Sacramento, CA 95841-2583 (916) 263-3550	Same as Location Address
252	South Sacramento 6 Massie Court Sacramento, CA 95823 (916) 681-2300	Same as Location Address
255	San Andreas 749 Mountain Rancho Road San Andreas, Ca 95249 (209) 754-3541	P.O. Box 368 San Andreas, CA 95249
265	Stockton 3330 N. Ad Art Road Stockton, CA 95208 (209) 948-7225	P.O. Box 8466 Stockton, CA 95208
266	Tracy 385 W. Grantline Road Tracy, CA 95376 (209) 835-8920	P.O. Box 1088 Tracy, CA 95376
280	Woodland 41928 County Road 23 Woodland, CA 95776-9219 (530) 662-4685	Same as Location Address
285	Yuba-Sutter 1619 Poole Blvd. Yuba City, CA 95993-2608 (530) 662-4685	Same as Location Address
295	Amador 301 Clinton Road Jackson, CA 95642 (209) 223-4890	Same as Location Address

# GOLDEN GATE DIVISION

LOCATION NUMBER	NAME OF LOCATION/ LOCATION ADDRESS	MAILING ADDRESS
301	Golden Gate Division 1551 Benicia Road Vallejo, CA 94591 (707) 648-4180	Same as Location Address
320	Contra Costa 5001 Blum Road Martinez, CA 94553 (925) 646-4980	Same as Location Address
325	Napa 975 Golden Gate Drive Napa, CA 94559 (707) 253-4906	P.O. Box 208 Napa, CA 94559
330	Redwood City 355 Convention Way Redwood City, CA 94063 (650) 369-6261	Same as Location Address
335	San Francisco 455 Eighth Street San Francisco, CA 94103 (415) 557-1094	Same as Location Address
340	San Jose 2020 Junction Avenue San Jose, CA 95131 (408) 467-5400	Same as Location Address
345	Hayward 2434 Whipple Road Hayward, CA 94544 (510) 489-1500	Same as Location Address
350	Marin 53 San Clemente Drive Corte Madera, CA 94925-1206 (415) 924-1100	P. O. Box 6 Corte Madera, CA 94925-0006

Golden Gate Division

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360	Santa Rosa 6100 LaBath Avenue Rohnert Park, CA 94928 (707) 576-2175	Same as Location Address
365	Solano 3050 Travis Blvd. Fairfield, CA 94533-3443 (707) 428-2100	Same as Location Address
370	Oakland 3601 Telegraph Avenue Oakland, CA 94609 (510) 450-3821	Same as Location Address
390	Dublin 4999 Gleason Drive Dublin, CA 94568 (925) 828-0466	Same as Location Address

**CENTRAL DIVISION**

<b>LOCATION NUMBER</b>	<b>NAME OF LOCATION/ LOCATION ADDRESS</b>	<b>MAILING ADDRESS</b>
401	Central Division 5179 North Gates Avenue Fresno, CA 93722 (559) 277-7250	Same as Location Address
420	Bakersfield 4040 Buck Owens Road Bakersfield, CA 93308-4930 (805) 327-1069	Same as Location Address
425	Sonora 18437 Fifth Avenue Jamestown, CA 95327 (209) 984-3944	P.O. Box 676 Jamestown, CA 95327
426	Buttonwillow 29449 Stockdale Hwy. Bakersfield, CA 93312-9644 (805) 764-5580	Same as Location Address
430	Fort Tejon 1033 Lebec Road Lebec, CA 93243-0792 (805) 248-6655	P. O. Box 792 Lebec, CA 93243-0792
435	Fresno 1382 West Olive Avenue Fresno, CA 93728-2890 (559) 488-4321	Same as Location Address
440	Hanford 1565 Glendale Avenue Hanford, CA 93230-0831 (559) 582-0231	Same as Location Address
450	Madera 3051 Airport Drive Madera, CA 93637 (559) 675-1025	Same as Location Address

Central Division  
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455	Mariposa 5264 Highway 49 North Mariposa, CA 95338 (209) 966-3656	P.O. Box 217 Mariposa, CA 95338
460	Merced 1500 Bell Drive Atwater, CA 95301 (209) 357-6910	Same as Location Address
461	Los Banos 706 West Pacheco Boulevard Los Banos, CA 93635 (209) 826-3811	Same as Location Address
465	Modesto 4030 Kiernan Avenue Modesto, CA 95356-9761 (209) 545-7440	Same as Location Address
480	Visalia 5025 West Noble Avenue Visalia, CA 93277 (559) 734-6767	P.O. Box 470 Visalia, CA 93279
481	Porterville 861 W. Morton Avenue Porterville, CA 93257 (559) 784-7444	Same as Location Address
495	Coalinga 125 S. Sixth Street Coalinga, CA 93210-0866 (559) 935-2093	P.O. Box 866 Coalinga, CA 93210-0866

## SOUTHERN DIVISION

LOCATION NUMBER	NAME OF LOCATION/ LOCATION ADDRESS	MAILING ADDRESS
501	Southern Division 411 N. Central Ave., #410 Glendale, CA 91203-2020 (818) 240-8200	Same as Location Address
525	Baldwin Park 14039 Francisquito Avenue Baldwin Park, CA 91706 (626) 338-1164	P.O. Box 1010 Baldwin Park, CA 91706
530	South Los Angeles 19700 Hamilton Avenue Torrance, CA 90502 (310) 323-5450	Same as Location Address
535	East Los Angeles 1601 Corporate Center Drive Monterey Park, CA 91754-2020 (323) 980-4600	P.O. Box 2020 Monterey Park, CA 91754-2020
540	Newhall 28648 The Old Road Newhall, CA 91355-1021 (805) 257-6030	Same as Location Address
545	Antelope Valley 2041 West Avenue "I" Lancaster, CA 93534 (805) 948-8541	P.O. Box 1570 Lancaster, CA 93539
550	Santa Fe Springs 10051 Orr and Day Road Santa Fe Springs, CA 90670 (562) 868-0503	Same as Location Address
565	West Los Angeles 6300 Bristol Parkway Culver City, CA 90230 (310) 642-3926	Same as Location Address

Southern Division  
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575	Altadena 2130 Windsor Avenue Altadena, CA 91001 (626) 296-8100	Same as Location Address
580	West Valley 5825 De Soto Avenue Woodland Hills, CA 91367 (818) 888-0980	Same as Location Address
590	Central Los Angeles 777 W. Washington Boulevard Los Angeles, CA 90015 (213) 744-2331	P.O. Box 15660 Los Angeles, CA 90015

## BORDER DIVISION

LOCATION NUMBER	NAME OF LOCATION/ LOCATION ADDRESS	MAILING ADDRESS
601	Border Division 9330 Farnham Street San Diego, CA 92123 (619) 637-7158	Same as Location Address
620	Winterhaven 1 Killingsworth Drive Felicity, CA 92283-9707 (760) 572-0294	Same as Location Address
625	El Centro 2331 Highway 86 Imperial, CA 92251 (760) 352-4111	Same as Location Address
630	Indio 79-650 Varner Road Indio, CA 92203-9704 (760) 345-2544	Same as Location Address
645	San Diego 4902 Pacific Highway San Diego, CA 92110 (619) 296-6661	Same as Location Address
650	Oceanside 1888 Oceanside Boulevard Oceanside, CA 92054-3486 (760) 757-1675	P.O. Box 2000 Oceanside, CA 92051-0359
655	San Geronio Pass 195 Highland Springs Avenue Beaumont, CA 92223-3091 (909) 769-2000	Same as Location Address
660	Blythe 430 South Broadway Blythe, CA 92225 (760) 922-6141	Same as Location Address

Border Division

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670	Westminister 13200 Golden West Street Westminister, CA 92683 (714) 892-4426	Same as Location Address
675	Santa Ana 2031 E. Santa Clara Avenue Santa Ana, CA 92705-7838 (714) 567-6000	Same as Location Address
680	El Cajon 1722 East Main Street El Cajon, Ca 92021 (619) 440-4303	Same as Location Address
685	Temecula 27685-A Commerce Center Drive Temecula, Ca 92590 (909) 506-2000	P.O. Box 2249 Temecula, CA 92390
690	Capistrano 32951 Camino Capistrano San Juan Capistrano, CA 92675 (949) 487-4000	Same as Location Address

## COASTAL DIVISION

LOCATION NUMBER	NAME OF LOCATION/ LOCATION ADDRESS	MAILING ADDRESS
701	Coastal Division 4115 Broad Street San Luis Obispo, CA 93401-7963 (805) 549-3261	Same as Location Address
720	Santa Cruz 10395 Soquel Drive Aptos, CA 95003-4937 (831) 662-0511	Same as Location Address
725	Hollister - Gilroy 740 Renz Lane Gilroy, CA 95020 (408) 848-2324	P.O. Box 337 Gilroy, CA 95021
730	Monterey 19055 Portola Drive Salinas, Ca 93908 (831) 455-1822	Same as Location Address
735	King City 2 Broadway Circle King City, CA 93930 (831) 385-3216	Same as Location Address
740	Templeton 101 Duncan Road Templeton, CA 93465 (805) 434-1822	P.O. Box 668 Templeton, CA 93465
745	San Luis Obispo 675 California Boulevard San Luis Obispo, CA 93401 (805) 593-3300	Same as Location Address
750	Santa Maria 1710 N. Carlotti Drive Santa Maria, CA 93454-1505 (805) 349-8728	Same as Location Address

Coastal Division

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755	Buellton 166 Industrial Way Buellton, CA 93427 (805) 688-5551	Same as Location Address
760	Santa Barbara 6465 Calle Real Goleta, CA 93117 (805) 967-1234	Same as Location Address
765	Ventura 4656 Valentine Road Ventura, CA 93003 (805) 654-4571	P.O. Box 3237 Ventura, CA 93006

## INLAND DIVISION

LOCATION NUMBER	NAME OF LOCATION/ LOCATION ADDRESS	MAILING ADDRESS
801	Inland Division 847 E. Brier Drive San Bernardino, CA 92408 (909) 383-4811	Same as Location Address
820	Bridgeport 125 Main Street Bridgeport, Ca 93517-0158 (760) 932-7995	P.O. Box 158 Bridgeport, CA 93517
825	Bishop 469 S. Main Street Bishop, CA 93514 (760) 873-3531	Same as Location Address
830	Mojave 1365 Hwy. 58 Mojave, CA 93501-1900 (805) 824-2408	Same as Location Address
834	Needles 1916 J Street Needles, CA 92363 (760) 326-2000	Same as Location Address
835	Barstow 300 E. Mountain View Barstow, CA 92311 (760) 256-1727	Same as Location Address
840	Riverside 8118 Lincoln Ave. Riverside, CA 92504-4316 (909) 637-8000	Same as Location Address
850	Victorville 14210 Amargosa Road Victorville, CA 92392 (760) 241-1186	Same as Location Address

Inland Division

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855	Rancho Cucamonga 9530 Pittsburg Street Rancho Cucamonga, CA 91730-6014 (909) 980-3994	P. O. Box 608 Rancho Cucamonga, CA 91730-0608
860	San Bernardino 2211 Western Avenue San Bernardino, CA 92411-1243 (909) 383-4247	Same as Location Address
865	Arrowhead 31230 Highway 18 Running Springs, CA 92382 (909) 867-2791	P.O. Box 997 Running Springs, CA 92382
870	Morango Basin 63683 - 29 Palms Highway Joshua Tree, CA 92252-9707 (760) 366-3707	HCR 1, Box 61 Joshua Tree, CA 92252

Contract No. 1CSSI-05-23-14(A & B)

## 4-Door Pursuit Vehicles

Line No.	1CSSI-05-23-14B	1CSSI-05-23-14A
Specification No.	2310-41L-07	2310-41L-06
Vehicle Classification	Large 4-Door Sedan Rear-Wheel Drive	Large 4-Door Sedan Front-Wheel Drive
Make	Ford	Chevrolet
Model	Crown Victoria	Impala
Passenger Seating	5	5
Wheelbase	114.7 In.	110.5 In.
Interior Volume	111.4 Cu. Ft	104.5 Cu. Ft
Trunk Volume	20.6 Cu. Ft.	18.6 Cu. Ft.
Total Volume (Interior + Trunk)	132 Cu. Ft	123.1 Cu. Ft
EPA Mileage (City/Highway)	18/25 MPG	20/30 MPG
CARB Emission Certification	Not Applicable	Not Applicable
Engine	8-Cylinder 4.6L, 16V, SFI 239 HP	6-Cylinder 3.8L, 12V, SFI 200 HP
Transmission	4-Speed Automatic with Overdrive	4-Speed Automatic with Overdrive
Brakes	Power-Assisted 4-Wheel ABS	Power-Assisted 4-Wheel ABS
Tires	P225/60VR16	P225/60HR16
Performance: 0 - 60 MPH	8.34 Sec.	8.76 Sec.
Top Speed	128 MPH	123 MPH
Generator/Alternator	200 Amps	125 Amps
Fuel Tank Capacity	19 Gallons	17 Gallons
Defroster, Rear Window	Included	Included
Air Conditioning	Included	Included
AM/FM ETR Stereo	Optional	Included
Restraint System	Dual Front Air Bags	Dual Front Air Bags
Speed Control	Optional	Optional
Steering Wheel, Tilt	Included	Included
Driver's Seat, Power	Included	Included
Door Locks, Power	Included	Included
Windows, Power	Included	Included
Mirrors, Power	Included	Included
Radio Suppression Package	Included	Not Available
Upholstery	Cloth	Cloth
Paint	Two-Tone (Black & White)	Mono-Tone (Choice of Color)
Standard Warrantee	3-Year/36,000 Miles	3-Year/36,000 Miles
100,000-Mile Powertrain Warrantee	Included	Optional

NOTE: For more information on standard and optional equipment, please contact the appropriate dealership.